

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| L1 | 1336 | test\$3 and nuclear adj fuel and nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:07 |
| L2 | 16 | L1 and(test\$3 or inspect\$3 or examining)and(defect or flaw or fault)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:08 |
| L3 | 0 | L2 and(acquiring or obtaining)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:08 |
| L4 | 0 | L2 and(acquiring or obtaining)and digital adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:08 |
| L5 | 0 | L2 and digital adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:09 |
| L6 | 0 | L2 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:09 |
| L7 | 2 | L1 and(acquiring or obtaining)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:10 |

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|-----|-------|--|---|----|----|---------------------|
| L8 | 31362 | "376"/\$.cds. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:15 |
| L9 | 759 | L8 and test\$3 and nuclear adj fuel and nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:15 |
| L10 | 0 | L9 and(test\$3 or inspect\$3 or examining)and(defect or flaw or fault)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:16 |
| L11 | 0 | L9 and (detect\$3 or determining)and(defect or flaw or fault)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:16 |
| L12 | 0 | L9 and (detect\$3 or determining)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:16 |
| L13 | 287 | L1 and(test\$3 or inspect\$3 or examining)and(defect or flaw or fault)and nuclear adj fuel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:17 |
| L14 | 132 | L1 and(test\$3 or inspect\$3 or examining)and(defect or flaw or fault)and nuclear adj fuel same rod | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:18 |
| L15 | 2 | L14 and(acquiring or obtaining)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:18 |
| L16 | 1 | L15 and digital adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:19 |

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| L17 | 1 | L14 and digital adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:20 |
| L18 | 0 | L1 and(test\$3 or inspect\$3 or examining)and(defect or flaw or fault)and nuclear adj fuel same rod adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:22 |
| L19 | 0 | L1 and(test\$3 or inspect\$3 or examining)and(defect or flaw or fault)and nuclear adj fuel same sequence adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:22 |
| L20 | 0 | L1 and nuclear adj fuel same sequence adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:23 |
| L21 | 0 | nuclear adj fuel same(generat\$3 adj image\$1 or obtaining)same sequence adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:24 |
| L22 | 0 | nuclear adj reactor same(generat\$3 adj image\$1 or obtaining)same sequence adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:24 |
| L23 | 2 | nuclear adj reactor and(generat\$3 adj image\$1 or obtaining)same sequence adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:24 |
| L24 | 1 | L23 and digital adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:25 |
| L25 | 0 | L24 and(acquiring or obtaining)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:28 |

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| L26 | 0 | L24 and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:28 |
| L27 | 7 | nuclear adj reactor and(generat\$3 adj image\$1 or obtaining)and sequence adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:28 |
| L28 | 0 | L27 and(acquiring or obtaining)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:29 |
| L29 | 3 | L27 and digital adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:29 |
| L30 | 1 | L29 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:29 |
| L31 | 0 | L27 and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:32 |
| L32 | 448 | 250/370.08.ccls. | USPAT | OR | ON | 2009/11/01 14:42 |
| L33 | 1 | L32 and nuclear adj reactor and(generat\$3 adj image\$1 or obtaining)and sequence adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:43 |
| L34 | 0 | L33 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:43 |

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|-----|-----|--|---|----|----|---------------------|
| L35 | 132 | L1 and(test\$3 or inspect\$3 or examining)and(defect or flaw or fault)and nuclear adj fuel same rod | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:44 |
| L36 | 0 | L33 and(test\$3 or inspect\$3 or examining)and(defect or flaw or fault)and nuclear adj fuel same rod | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:45 |
| L37 | 2 | L32 and nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:45 |
| L39 | 0 | L37 and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:46 |
| L40 | 1 | L37 and digital adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:46 |
| L41 | 0 | L40 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/01 14:47 |
| S1 | 337 | non-destructive and test\$3 and nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 13:38 |
| S2 | 2 | non-destructive and test\$3 and nuclear adj reactor and radiographic and digital adj image \$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 13:39 |
| S3 | 10 | non-destructive and test\$3 and nuclear adj reactor and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 13:43 |

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| S4 | 9 | S3 and(@ad<"20031124" or @rlad<"20031124" or @prad<"20031124" or @ptad<"20031124") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 13:49 |
| S5 | 9 | S3 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 13:50 |
| S6 | 0 | (test\$3 or inspect\$3 or examining)and(defect or flaw or fault)and welding adj joints and radiographic and digital adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 13:56 |
| S7 | 286 | (test\$3 or inspect\$3 or examining)and(defect or flaw or fault)and radiographic and digital adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 13:57 |
| S8 | 375 | (test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault) and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 13:58 |
| S9 | 307 | S8 and(@ad<"20031124" or @rlad<"20031124" or @prad<"20031124" or @ptad<"20031124") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 13:58 |
| S10 | 257 | S8 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 13:59 |
| S11 | 75 | S10 and(comparision or match\$3)and(stored or memory) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:00 |
| S12 | 0 | S11 and assisting and rotating adj object and record\$3 adj image\$1 and digital adj mapp and welded adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:06 |

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|-----|-----|---|---|----|----|---------------------|
| S13 | 0 | S10 and assisting and rotating adj object and record\$3 adj image\$1 and digital adj mapp and welded adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:06 |
| S14 | 375 | (test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault) and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:10 |
| S15 | 0 | S14 and(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault)and radiographic adj image\$1 and welding adj joints and tubing | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:12 |
| S16 | 1 | S14 and(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault)and radiographic adj image\$1 and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:20 |
| S17 | 106 | (test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault) and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:21 |
| S18 | 1 | S17 and(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:22 |
| S19 | 106 | (test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault) and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:29 |
| S20 | 0 | S19 and nuclear adj fuel and rods | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:30 |
| S21 | 348 | non adj destructive and test\$3 and nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:33 |

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|-----|---|--|---|----|----|---------------------|
| S22 | 1 | S21 and(acquiring or obtaining)near2 radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:35 |
| S23 | 3 | S21 and(acquiring or obtaining)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:35 |
| S24 | 2 | S23 and @ad< "20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:36 |
| S25 | 0 | S24 and(comparision or match\$3)and(stored or memory) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:36 |
| S26 | 2 | S24 and(comparision or match\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:37 |
| S27 | 0 | S26 and(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:37 |
| S28 | 0 | S26 and(test\$3 or inspect\$3 or examining or detect\$3 or determining)and(defect or flaw or fault)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:38 |
| S29 | 0 | S26 and(test\$3 or inspect\$3 or examining or detect\$3 or determining defect or flaw or fault)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:38 |
| S30 | 2 | S26 and(test\$3 or inspect\$3 or examining or detect\$3 or determining defect or flaw or fault) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:38 |

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|-----|---|------------------------------------|---|----|----|---------------------|
| S31 | 0 | S30 and thickness adj measured | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:39 |
| S32 | 1 | S30 and thickness and measured | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:39 |
| S33 | 0 | S32 and porous and(area or region) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:40 |
| S34 | 0 | S32 and porous and(area or region) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:40 |
| S35 | 0 | S32 and bead | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:41 |
| S36 | 0 | S32 and(nuclear adj fuel or rods) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:42 |
| S37 | 0 | S32 and(nuclear adj fuel or rod) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:42 |
| S38 | 0 | S32 and angles | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:43 |
| S39 | 0 | S32 and dimension | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:44 |

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|-----|---|---|---|----|-----|---------------------|
| S40 | 4 | ((PHILIPPE) near2 (MAHE)).INV. | US-PGPUB; USPAT | OR | ON | 2009/04/06 14:45 |
| S41 | 1 | S40 and(acquiring or obtaining)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:46 |
| S42 | 1 | S41 and(comparison or match\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:47 |
| S43 | 1 | S42 and(test\$3 or inspect\$3 or examining or detect\$3 or determining defect or flaw or fault) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:47 |
| S44 | 0 | S43 and(@ad<"20031124" or @rlad<"20031124" or @prad<"20031124" or @ptad<"20031124") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:47 |
| S45 | 0 | S43 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:48 |
| S46 | 6 | ((("6154561") or ("2001055415") or ("5999636).pn.)).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/06 14:49 |
| S47 | 0 | S46 and(acquiring or obtaining)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:49 |
| S48 | 6 | S46 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 14:51 |

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|-----|-----|--|---|----|-----|---------------------|
| S49 | 337 | non-destructive and test\$3 and nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:28 |
| S50 | 98 | ((("20070248239") or ("5411340") or ("5510910") or ("5883632") or ("6128022") or ("5946426") or ("4975738") or ("4995061") or ("4999716") or ("5028935") or ("5224179") or ("5283684") or ("5305521") or ("5347600") or ("5361098") or ("5430878") or ("5434956") or ("5450533") or ("5467135") or ("5489782") or ("5528493") or ("5561449") or ("5570433") or ("5594815") or ("5600407") or ("5673207") or ("5714989") or ("5729008") or ("5754704") or ("5847711") or ("5852671") or ("5995661") or ("6002782") or ("6260764") or ("6299062") or ("6361714") or ("6438168") or ("6438251") or ("6441922") or ("6529630") or ("6539127") or ("6683974") or ("6690485") or ("6724921") or ("6731756") or ("6835110") or ("6934405") or ("7034820") or ("7061030") or ("7061564").pn.)).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/06 15:31 |
| S51 | 96 | S50 and(@ad<"20031124" or @rlad<"20031124" or @prad<"20031124" or @ptad<"20031124") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:32 |
| S52 | 0 | S51 and non-destructive and test\$3 and nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:32 |
| S53 | 0 | S51 and(acquiring or obtaining)near2 radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:33 |
| S54 | 0 | S51 and(acquiring or obtaining)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:33 |
| S55 | 0 | S51 and(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:34 |
| S56 | 0 | S51 and nuclear adj fuel and rods | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:34 |

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|-----|---|--|---|----|----|---------------------|
| S57 | 0 | S51 and nuclear adj fuel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:35 |
| S58 | 2 | S51 and nuclear | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:35 |
| S59 | 2 | S58 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:35 |
| S60 | 0 | S51 and(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault)and joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:38 |
| S61 | 0 | S58 and(detect\$3 or determining)and(defect or flaw or fault)and joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:38 |
| S62 | 1 | S58 and joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:38 |
| S63 | 4 | S51 and joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:38 |
| S64 | 1 | S63 and(detect\$3 or determining)and(defect or flaw or fault)and joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:39 |
| S65 | 1 | S64 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:39 |

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|-----|------|---------------------------------------|---|----|----|---------------------|
| S66 | 0 | S63 and(comparision or match\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:43 |
| S67 | 1 | S63 and thickness and measured | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:44 |
| S68 | 0 | S67 and non-destructive | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:44 |
| S69 | 0 | S67 and bead and angles and dimension | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:46 |
| S70 | 0 | S67 and angles and dimension | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:46 |
| S71 | 0 | S67 and dimension | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:46 |
| S72 | 8587 | nuclear adj fuel and assembly | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:56 |
| S73 | 0 | S72 and longitudiual | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:57 |
| S74 | 1712 | S72 and longitudinal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:57 |

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|-----|------|---|---|----|----|---------------------|
| S75 | 584 | S72 and longitudinal adj axis | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:57 |
| S76 | 48 | S75 and sheath | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:57 |
| S77 | 17 | S76 and sealed and top and bottom | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 15:58 |
| S78 | 8816 | S77 and weld adj bead | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:03 |
| S79 | 1 | S77 and weld adj bead | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:04 |
| S80 | 0 | S79 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:04 |
| S81 | 11 | S77 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:04 |
| S82 | 0 | S81 and weld adj bead | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:05 |
| S83 | 2321 | 382/100,249,118.ccls. | USPAT | OR | ON | 2009/04/06 16:06 |
| S84 | 8780 | 382/100,249,118,232,248,249,276,286,291,154,181,190,195,203.ccls. | USPAT | OR | ON | 2009/04/06 16:08 |

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| S85 | 0 | S84 and nuclear adj fuel and assembly | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:09 |
| S86 | 3 | S84 and(acquiring or obtaining)near2 radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:10 |
| S87 | 21 | S84 and(acquiring or obtaining)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:10 |
| S88 | 0 | S87 and nuclear adj fuel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:10 |
| S89 | 0 | S87 and(detect\$3 or determining)and(defect or flaw or fault)and joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:11 |
| S90 | 8821 | S87 aqnd weld adj bead | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:12 |
| S91 | 0 | S87 and weld adj bead | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:12 |
| S92 | 0 | S87 and(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:13 |
| S93 | 0 | S87 and(detect\$3 or determining)and(defect or flaw or fault)and joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:13 |

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| S94 | 17 | S87 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:13 |
| S95 | 0 | S94 and weld adj bead | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:49 |
| S96 | 6 | S94 and angles and dimension | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:50 |
| S97 | 1 | S96 and thickness and measured | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:51 |
| S98 | 0 | S97 and porous and(areas or region) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:53 |
| S99 | 0 | S97 and porous | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:53 |
| S100 | 0 | S97 and nuclear adj fuel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 16:54 |
| S101 | 7815 | 358/1.9,1.1,500,501,502,518,520,1.18.cds. | USPAT | OR | ON | 2009/04/06 17:01 |
| S102 | 1 | S101 and(acquiring or obtaining)near2 radiographic adj image\$1 | USPAT | OR | ON | 2009/04/06 17:02 |
| S103 | 1 | S102 and @ad<"20031124" | USPAT | OR | ON | 2009/04/06 17:03 |
| S104 | 0 | (non-destructive and test\$3 and nuclear adj reactor and acquiring and reference adj image and processed and unprocessed and detect adj defects).clm. | US-PGPUB | OR | ON | 2009/04/06 17:06 |

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| S105 | 1 | (non-destructive and testing and nuclear adj reactor and acquiring radiographic adj image and reference adj image and processed and unprocessed and detect adj defects).clm. | US-PGPUB | OR | ON | 2009/04/06 17:07 |
| S106 | 677 | (non-destructive or non adj destructive)and surface adj defects | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 17:27 |
| S107 | 2 | S106 and(acquiring or obtaining)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 17:28 |
| S108 | 2 | S107 and @ad< "20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 17:28 |
| S109 | 0 | S108 and(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 17:28 |
| S110 | 2 | S108 and(test\$3 or inspect\$3 or examining)and(detect\$3 or determining)and(defect or flaw or fault) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 17:29 |
| S111 | 0 | S110 and weld adj bead | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 17:29 |
| S112 | 0 | S110 and angles and dimension | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 17:29 |
| S113 | 0 | S110 and thickness and measured | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/06 17:29 |
| S114 | 18896 | "378"/\$.ccls. | USPAT | OR | ON | 2009/04/06 17:31 |

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| S115 | 4 | S114 and(non-destructive or non adj destructive)and surface adj defects | USPAT | OR | ON | 2009/04/06 17:31 |
| S116 | 1 | S115 and(acquiring or obtaining)and radiographic adj image\$1 | USPAT | OR | ON | 2009/04/06 17:32 |
| S117 | 87931 | "250"/\$.cols. | USPAT | OR | ON | 2009/04/06 17:32 |
| S118 | 88 | S117 and(non-destructive or non adj destructive)and surface adj defects | USPAT | OR | ON | 2009/04/06 17:32 |
| S119 | 1 | S118 and(acquiring or obtaining)and radiographic adj image\$1 | USPAT | OR | ON | 2009/04/06 17:32 |
| S120 | 1 | S119 and @ad<"20031124" | USPAT | OR | ON | 2009/04/06 17:33 |
| S121 | 544 | (defect or flaw or fault)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/08 23:45 |
| S122 | 2 | S121 and non-destructive and test\$3 and nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/08 23:46 |
| S123 | 2 | S122 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/08 23:46 |
| S124 | 0 | S123 and(acquiring or obtaining)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/08 23:50 |
| S125 | 0 | S123 and(acquiring or obtaining)and(radiographic adj image\$1 or Xrays or X-rays) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/08 23:51 |
| S126 | 0 | S123 and(acquiring or obtaining)and image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/08 23:51 |

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| S127 | 2 | S123 and welding | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 00:00 |
| S128 | 1 | weld adj beads and sealing adj spot adj welds and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 00:18 |
| S129 | 2 | spot adj welds and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 00:18 |
| S130 | 4 | weld adj beads and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 00:19 |
| S131 | 2 | S130 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 00:19 |
| S132 | 422935 | (nuclear adj fuel or rods)and assembly | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 00:39 |
| S133 | 75 | S132 and non-destructive and test\$3 and nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 00:39 |
| S134 | 65 | S133 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 00:39 |
| S135 | 0 | S134 and(acquiring or obtaining)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 00:39 |

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| S136 | 0 | S134 and(defect or flaw or fault)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 00:46 |
| S137 | 33 | S134 and(defect or flaw or fault) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 00:46 |
| S138 | 0 | S137 and weld adj beads and sealing adj spot adj welds and(defect or flaw or fault) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 00:48 |
| S139 | 1 | (nuclear adj fuel or rods)and weld adj beads and sealing adj spot adj welds and(defect or flaw or fault)and assembly | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 00:48 |
| S140 | 1 | nuclear adj fuel and weld adj beads and sealing adj spot adj welds and(defect or flaw or fault)and assembly | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 00:49 |
| S141 | 11 | S132 and tubular adj sheath and pellets and nuclear adj fuel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 00:51 |
| S142 | 0 | S141 and(defect or flaw or fault)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 00:52 |
| S143 | 3 | S141 and(defect or flaw or fault) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 00:58 |
| S144 | 1 | S143 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 00:59 |

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| S145 | 0 | S144 and(acquiring or obtaining)and image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 01:01 |
| S146 | 0 | S144 and image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 01:01 |
| S147 | 1 | S143 and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 01:02 |
| S148 | 1 | S147 and (reference adj image\$1 or template) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 01:03 |
| S149 | 1 | S148 and digital adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 01:03 |
| S150 | 1 | S149 and(processed or unprocessed) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 01:04 |
| S151 | 1 | S150 and shape | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 01:05 |
| S152 | 1 | S151 and porosity | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 01:05 |
| S153 | 1 | S152 and penetration | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 01:06 |

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| S154 | 1 | S153 and subset | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 01:06 |
| S155 | 1 | S154 and convolver | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 01:06 |
| S156 | 0 | S155 and segmentat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 01:07 |
| S157 | 1 | S155 and smoothing | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 01:07 |
| S158 | 0 | S157 and calculat\$3 adj differenc | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 01:08 |
| S159 | 0 | S157 and differenc | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 01:08 |
| S160 | 0 | S157 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 01:08 |
| S161 | 1 | S143 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 01:10 |
| S162 | 423141 | (nuclear adj fuel or rods)and assembly | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 11:47 |

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| S163 | 11 | S162 and tubular adj sheath and pellets and nuclear adj fuel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 11:47 |
| S164 | 3 | S163 and(defect or flaw or fault) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 11:47 |
| S165 | 1 | S164 and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 11:47 |
| S166 | 1 | S165 and (reference adj image\$1 or template) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 11:47 |
| S167 | 1 | S166 and digital adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 11:47 |
| S168 | 1 | S167 and(processed or unprocessed) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 11:47 |
| S169 | 1 | S168 and shape | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 11:47 |
| S170 | 1 | S169 and porosity | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 11:47 |
| S171 | 1 | S170 and penetration | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 11:47 |

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| S172 | 1 | S171 and subset | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 11:47 |
| S173 | 1 | S172 and convolver | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 11:47 |
| S174 | 1 | S173 and smoothing | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 11:47 |
| S175 | 423141 | (nuclear adj fuel or rods)and assembly | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 11:49 |
| S176 | 39638 | S175 and(processed or unprocessed) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 12:01 |
| S177 | 2 | S176 and tubular adj sheath and pellets and nuclear adj fuel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 12:01 |
| S178 | 3344 | S176 and porosity | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 12:03 |
| S179 | 1187 | S178 and penetration | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 12:03 |
| S180 | 7 | S179 and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 12:03 |

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| S181 | 2 | S180 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 12:04 |
| S182 | 330 | S179 and weld adj bead | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 12:07 |
| S183 | 1 | S179 and weld adj bead same substep and opening adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 12:07 |
| S184 | 1 | S179 and weld adj bead and substep and opening adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 12:07 |
| S185 | 1 | S179 and weld adj bead and opening adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 12:08 |
| S186 | 0 | S182 and segmentat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 12:08 |
| S187 | 1063 | S175 and segmentat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 12:09 |
| S188 | 0 | S175 and segmentat\$3 and pixel\$2 and whole adj number | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 12:09 |
| S189 | 248 | S175 and segmentat\$3 and pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 12:09 |

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|------|-----|--|---|----|----|---------------------|
| S190 | 104 | S189 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 12:10 |
| S191 | 1 | S190 and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 12:10 |
| S192 | 0 | S190 and(defect or flaw or fault)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:08 |
| S193 | 547 | (defect or flaw or fault)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:08 |
| S194 | 2 | S193 and non-destructive and test\$3 and nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:09 |
| S195 | 0 | S194 and segmentat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:09 |
| S196 | 0 | S193 and segmentat\$3 and pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:09 |
| S197 | 0 | S193 and segmentat\$3 adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:10 |
| S198 | 0 | S193 and radiographic adj image\$1 and segmentat\$3 adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:11 |

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| S199 | 1 | S193 and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:11 |
| S200 | 51 | radiographic adj image\$1 and segmentat\$3 adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:12 |
| S201 | 31 | S200 and @ad< "20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:12 |
| S202 | 0 | S201 and(defect or flaw or fault)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:12 |
| S203 | 0 | S201 and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:13 |
| S204 | 0 | S201 and convolver | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:13 |
| S205 | 9 | S201 and smoothing | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:13 |
| S206 | 9 | S205 and(processed or unprocessed) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:14 |
| S207 | 0 | S201 and(test\$3 or inspect\$3 or examining)and nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:20 |

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|------|------|--|---|----|----|---------------------|
| S208 | 9221 | (test\$3 or inspect\$3 or examining)and nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:21 |
| S209 | 7 | S208 and(acquiring or obtaining)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:22 |
| S210 | 4 | S209 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:22 |
| S211 | 1 | S210 and defects adj welds | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:24 |
| S212 | 0 | S210 and segmentat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:25 |
| S213 | 0 | S210 and pixel\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:26 |
| S214 | 0 | digital adj map and(weld\$3 adj joint or tubing)and seal\$3 adj radioactive and image\$1 and search\$3 adj porosity and welding adj bead | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:35 |
| S215 | 0 | (weld\$3 adj joint or tubing)and seal\$3 adj radioactive and image\$1 and search\$3 adj porosity and welding adj bead | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:36 |
| S216 | 0 | (weld\$3 adj joint or tubing)and seal\$3 adj radioactive and search\$3 adj porosity and welding adj bead | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:36 |

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| S217 | 0 | (weld\$3 adj joint or tubing)and search\$3 adj porosity and welding adj bead | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:36 |
| S218 | 0 | (weld\$3 adj joint or tubing)and search\$3 adj porosity | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:36 |
| S219 | 276790 | (weld\$3 adj joint or tubing) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:37 |
| S220 | 48 | S219 and digital adj map | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:37 |
| S221 | 0 | S220 and(acquiring or obtaining)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:37 |
| S222 | 0 | S220 and search\$3 adj porosity and welding adj bead | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:38 |
| S223 | 0 | S219 and search\$3 adj porosity and welding adj bead | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:38 |
| S224 | 432 | S219 and welding adj bead | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:39 |
| S225 | 475770 | S224 and(test\$3 or inspect\$3 or examining)and nuclear and rod and defect\$3 adj welding and prous adj areas adj fuel reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:42 |

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| S226 | 475770 | S224 and(test\$3 or inspect\$3 or examining)and nuclear adj rod and defect\$3 adj welding and prous adj areas adj fuel reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:42 |
| S227 | 475770 | S224 and(test\$3 or inspect\$3 or examining)and nuclear adj rod and defect\$3 adj welding and prous adj areas and fuel reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:43 |
| S228 | 0 | S224 and(test\$3 or inspect\$3 or examining)and nuclear adj rod and defect\$3 adj welding and prous adj areas and fuel adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:43 |
| S229 | 0 | S224 and(test\$3 or inspect\$3 or examining)and nuclear adj rod and defect\$3 adj welding and prous adj areas | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:43 |
| S230 | 0 | S227 and(test\$3 or inspect\$3 or examining)and nuclear adj rod and defect\$3 adj welding and prous adj areas | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:44 |
| S231 | 0 | S227 and(test\$3 or inspect\$3 or examining)and nuclear adj rod and defect\$3 and welding and prous adj areas | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:44 |
| S232 | 0 | S227 and nuclear adj rod and defect\$3 and welding and prous adj areas | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:44 |
| S233 | 4637 | (detect\$3 or determining)and weld\$3 adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:46 |
| S234 | 108 | S233 and welding adj bead | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:46 |

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| S235 | 0 | S234 and(weld\$3 adj joint or tubing)and search\$3 adj porosity | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:46 |
| S236 | 2685525 | S234 and(weld\$3 adj joint or tubing)and search\$3 and(porosity or prous)and area or region | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:47 |
| S237 | 0 | S234 and(weld\$3 adj joint or tubing)and search\$3 and(porosity or prous)and (area or region) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:47 |
| S238 | 83 | S234 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:50 |
| S239 | 0 | S238 and radiographic adj image\$1 and segmentat\$3 adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:51 |
| S240 | 0 | S238 and segmentat\$3 adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:51 |
| S241 | 0 | S238 and segmentat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/09 13:55 |
| S242 | 0 | non-destructive and nuclear adj reactor and radiographic adj (inspect\$3 or test\$3 or inspect\$3 or examining)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:25 |
| S243 | 0 | nuclear adj reactor and radiographic adj (inspect\$3 or test\$3 or inspect\$3 or examining)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:25 |

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| S244 | 0 | nuclear adj reactor and radiographic and(inspect\$3 or test\$3 or inspect\$3 or examining)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:25 |
| S245 | 0 | reactor and radiographic and(inspect\$3 or test\$3 or inspect\$3 or examining)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:25 |
| S246 | 11 | radiographic and(inspect\$3 or test\$3 or inspect\$3 or examining)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:26 |
| S247 | 10 | S246 and @ad< "20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:26 |
| S248 | 0 | nuclear adj reactor and radiographic adj image\$1 and digital adj image and(inspect\$3 or test\$3 or inspect\$3 or examining)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:28 |
| S249 | 48322 | nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:28 |
| S250 | 0 | S249 and radiographic and(inspect\$3 or test\$3 or inspect\$3 or examining)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:29 |
| S251 | 0 | S249 and(acquiring or obtaining or generating)and radiographic adj image\$1 and(inspect\$3 or test\$3 or inspect\$3 or examining)and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:31 |
| S252 | 0 | S249 and(acquiring or test\$3 or inspect\$3 or examining or obtaining or generating)and radiographic adj image\$1 and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:32 |

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| S253 | 2 | S249 and(acquiring or test\$3 or inspect\$3 or examining or obtaining or generating)and radiographic adj image\$1 and joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:32 |
| S254 | 553 | (acquiring or test\$3 or inspect\$3 or examining or obtaining or generating)and radiographic adj image\$1 and joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:33 |
| S255 | 2 | S254 and nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:33 |
| S256 | 0 | nuclear adj reactor and radiographic adj image\$1 and digital adj image and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:36 |
| S257 | 0 | radiographic adj image\$1 and digital adj image and welding adj joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:37 |
| S258 | 20 | (acquiring or test\$3 or inspect\$3 or examining or obtaining or generating)and radiographic adj image\$1 and digital adj image and joints adj image | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:38 |
| S259 | 0 | S258 and nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:38 |
| S260 | 0 | S258 and reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:38 |
| S261 | 0 | S258 and nuclear | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:38 |

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|------|-----|--|---|----|----|---------------------|
| S262 | 14 | S258 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:39 |
| S263 | 0 | S258 and nuclear adj reactor and(area or region or element)and radiographic adj image\$1 and digital adj image and joints | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:44 |
| S264 | 1 | nuclear adj reactor and(area or region or element)and radiographic adj image\$1 and digital adj image | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:44 |
| S265 | 351 | non adj destructive and test\$3 and nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:47 |
| S266 | 3 | S265 and(acquiring or obtaining)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:48 |
| S267 | 2 | S266 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:48 |
| S268 | 0 | S267 and nuclear adj reactor and(area or region or element)and radiographic adj image\$1 and digital adj image | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 13:49 |
| S269 | 2 | S267 and(comparison or match\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 14:11 |
| S270 | 0 | S269 and(comparison or match\$3)and reference adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 14:14 |

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| S271 | 0 | S269 and reference adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 14:14 |
| S272 | 351 | non adj destructive and test\$3 and nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 14:20 |
| S273 | 3 | S272 and(acquiring or obtaining)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 14:20 |
| S274 | 2 | S273 and @ad< "20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 14:20 |
| S275 | 2 | S274 and(comparison or match\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 14:20 |
| S276 | 351 | non adj destructive and test\$3 and nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 14:53 |
| S277 | 7 | S276 and(acquiring or obtaining or generating)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 14:54 |
| S278 | 1 | S276 and(acquiring or obtaining or generating)and radiographic adj image\$1 and digital adj image | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 14:55 |
| S279 | 1 | S276 and(comparison or match\$3)and reference adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 14:56 |

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|------|--------|---|---|----|----|---------------------|
| S280 | 8761 | nuclear adj fuel and assembly | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 14:57 |
| S281 | 6 | S280 and(acquiring or obtaining or generating)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 14:58 |
| S282 | 1 | S281 and(comparison or match\$3)and reference adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 14:58 |
| S283 | 5 | S281 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 14:59 |
| S284 | 0 | S283 and(comparison or match\$3)and reference adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:00 |
| S285 | 4 | S280 and(comparison or match\$3)and reference adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:00 |
| S286 | 3 | S285 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:00 |
| S287 | 3198 | welding adj bead | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:03 |
| S288 | 436334 | (nuclear adj fuel or rods)and assembly | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:03 |

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|------|----|--|---|----|----|---------------------|
| S289 | 75 | S288 and non-destructive and test\$3 and nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:04 |
| S290 | 1 | S289 and(acquiring or obtaining or generating)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:05 |
| S291 | 1 | S289 and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:05 |
| S292 | 1 | S289 and(comparison or match\$3)and reference adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:06 |
| S293 | 0 | testing and nuclear adj fuel and rod adj assemblies and pressurised and water adj "reactors." | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:07 |
| S294 | 36 | testing and nuclear adj fuel and rod adj assemblies and pressurised and water adj reactors | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:07 |
| S295 | 2 | S294 and(acquiring or obtaining or generating)and(radiographic adj image\$1 or X-ray or beam) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:08 |
| S296 | 0 | S295 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:08 |
| S297 | 1 | S294 and(acquiring or obtaining or generating)and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:09 |

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| S298 | 1 | S294 and radiographic adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:09 |
| S299 | 1 | S294 and(comparison or match\$3)and reference adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:09 |
| S300 | 29 | S294 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:10 |
| S301 | 0 | S300 and(acquiring or obtaining or generating)and(radiographic adj image\$1 or X-ray or beam) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:15 |
| S302 | 4 | S300 and(acquiring or obtaining or generating)and(radiographic adj image\$1 or X-ray or beam or source) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:15 |
| S303 | 0 | S302 and(comparison or match\$3)and reference adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:15 |
| S304 | 0 | S302 and(comparison or match\$3)adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:15 |
| S305 | 10 | S294 and(radiographic adj image\$1 or X-ray or beam) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:20 |
| S306 | 6 | S305 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:20 |

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| S307 | 0 | S306 and(comparison or match\$3)and reference adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:20 |
| S308 | 0 | S306 and(comparison or match\$3)and image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:20 |
| S309 | 0 | S306 and(comparison or match\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:21 |
| S310 | 1 | quality and weld adj beads and sealing adj spot and welds and digital and radiographic adj image and areas adj rods and inspection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:25 |
| S311 | 1 | weld adj beads and sealing adj spot and digital and radiographic adj image and areas adj rods and inspection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:25 |
| S312 | 1 | weld adj beads and sealing adj spot and radiographic adj image and areas adj rods and inspection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:26 |
| S313 | 1 | weld adj beads and sealing adj spot and inspection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:26 |
| S314 | 808 | (weld or sealing)adj inspection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:26 |
| S315 | 224 | S314 and(acquiring or obtaining or generating)and(radiographic adj image\$1 or X-ray or beam) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:27 |

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| S316 | 5 | S314 and(acquiring or obtaining or generating)and(radiographic adj image\$1 or X-ray or beam)and digital adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:27 |
| S317 | 3 | S316 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:27 |
| S318 | 0 | S317 and(comparison or match\$3)and reference adj image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:28 |
| S319 | 1 | S317 and(comparison or match\$3)and image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:28 |
| S320 | 0 | S319 and test\$3 and nuclear adj reactor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:31 |
| S321 | 0 | S319 and test\$3 and (nuclear adj reactor or reactor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:31 |
| S322 | 0 | S319 and test\$3 and (nuclear adj reactor or reactor or nuclear) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:32 |
| S323 | 0 | S319 and nuclear adj fuel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:33 |
| S324 | 6 | S277 and @ad<"20031124" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:41 |

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| S325 | 2 | S324 and(comparision or match\$3)and image\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/27 15:45 |
| S326 | 3 | "6503188".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/30 09:43 |
| S327 | 0 | S326 and network | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/30 09:44 |
| S328 | 0 | S326 and communiucation | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/30 09:44 |
| S329 | 0 | S326 and internet | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/30 09:44 |
| S330 | 0 | S326 and switch\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/30 09:45 |
| S331 | 3 | "6641522".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/30 09:46 |
| S332 | 0 | S331 and network | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/30 09:46 |
| S333 | 0 | S331 and switch\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/30 09:46 |

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|------|---|----------------------------|---|----|----|---------------------|
| S334 | 0 | S331 and communication | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/30 09:46 |
| S335 | 2 | S326 and personal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/30 10:02 |
| S336 | 0 | S326 and personal adj data | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/30 10:03 |
| S337 | 0 | S331 and switch\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/30 11:08 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------------------|------------------|---------|------------------|
| L43 | 1 | ((non-destructive and testing and element and nuclear adj reactor and acquiring and radiographic adj digital adj image and creating and reference adj image and comparing and processed and unprocessed and detect and presence adj defects)).CLM. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/11/01 14:53 |

11/11/09 2:56:25 PM

C:\Documents and Settings\SChawan\My Documents\EAST\Workspaces\0513.wsp